

# APPLICATION DATA SHEET

Electronic Version 0.0.11

Stylesheet Version: 1.0

Attorney Docket Number: TI-31565

Publication Filing Type: new-utility

Application Type: utility

Title of Invention:

INTEGRATED CHARGE AND VOLTAGE MODE DRIVE CIRCUIT FOR  
PIEZO ACTUATORS USED IN MASS DATA STORAGE DEVICES, OR  
THE LIKE

Attorney Docket Number: TI-31565

Suggested Representative Figure: 2

Customer Number Attorney: 23494



Customer Number Correspondence Address: 23494



## INVENTOR(s):

Primary Citizenship: USA

Given Name: Terence

Middle Name: J.

Family Name: Murphy

Residence City: Plano

Residence State: Texas

Residence Country: US

Address: 7400 Casper Drive

Plano Texas, 75025

tmurphy@ti.com

(214)480-7555

(972)761-5070

Primary Citizenship: USA

Given Name: James

Middle Name: E.  
Family Name: Chloupek  
Residence City: Plano  
Residence State: Texas  
Residence Country: US  
Address: 3016 Kirby Drive  
Plano Texas, 75075  
j-chloupek@ti.com  
(972)761-5070

09649-06691  
0350-06691

Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

09681695

EFS ID: 11485  
Application ID: 09681695  
Title of Invention: INTEGRATED CHARGE AND  
VOLTAGE MODE DRIVE CIRCUIT  
FOR PIEZO ACTUATORS USED IN  
MASS DATA STORAGE DEVICES,  
OR THE LIKE  
First Named Inventor: Terence Murphy  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2001-05-22  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: TI-31565  
Digital Certificate Holder: cn=Richard A. Bachand, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: iBIDEzR08HjBoKKEz+go5A==  
Total Fees Authorized: \$938.0  
Payment Category: DA - Deposit Account  
Deposit Account Number: 200668  
Deposit Account Name: Richard A. Bachand

